MCI[®], VCI, and VpCI Literature Research Index

Aircraft

Use of Volatile Inhibitors (VCIs) for Aircraft Protection A. Eydelnant, B.A. Miksic, S. Russell, Combined Testing with Air Force/Navy: Ft. Louis, WA.

Coatings

Inhibited Polymeric Coatings—Basic Principals and Future Perspectives B.A. Miksic, CORROSION/76, paper no. 70, NACE: Houston, TX.

Pro-Environmental VCI Coatings Offer Temporary Corrosion Protection B.A. Miksic, ESD Technology, Vol. 50, pp. 13-17, 1989.

Volatile Corrosion Inhibitor Coatings M. Prenosil. ICE, 1998

Electronics

Corrosion Inhibition of Electronic Metals Using Vapor-

Phase Inhibitors P.J. Martin, B.J. Johnson, B.A. Miksic, CORROSION/84, paper no. 36, NACE: Houston, TX.

Volatile Corrosion Inhibitors for Electronic Materials S.T.Z. Tzou, B.A. Miksic, The Electrochemical Society, Pennington, NJ, 1990.

Volatile Corrosion Inhibitors for Protection of Electronics M.E. Tarvin, B.A. Miksic, CORROSION/89 paper no. 344, NACE: Houston, TX

The Application of Vapor Corrosion Inhibitor in the Storage of Metal-Particle Magnetic Recording Media Ampria Research & Design: MN, 1996.

Vapor Corrosion Inhibitors: Successful Field Applications

in Electronics B.A. Miksic, A. Vignetti, CORROSION/2000, paper no. 707, NACE: Houston, TX.

Volatile Corrosion Inhibitors for Protection of Electronics M.E. Tarvin, B.A. Miksic, CORROSION/89 paper no. 344, NACE: Houston, TX.

Use of VCI Technology in Global Shipping of Electronics

and Automotive Parts C. Chandler, M. Richler, NACE Northern Area Eastern Conference and Exhibition, NACE: Houston, TX.

Metal Products/Protection

Use of Vapor Phase Inhibitors for Corrosion Protection of Metal Products

B.A. Miksic, CORROSION/83, paper no. 308, NACE: Houston, TX.

The Protection of Flat-Rolled Steel Products from Corrosion in Storage and Transit R.A. Legault, CORROSION/83, paper no. 303, NACE: Houston, TX.

Military

A New Approach to the Problem of Corrosion Control in Marine Environments B.A. Miksic, Marine Equipment News, 11, 1975.

Corrosion Inhibition in Naval Vessels K.L. Vasanth, CORROSION/96, paper no. 233, NACE: Houston, TX.

Vapor Phase Corrosion Inhibitors for Navy Applications K.L. Vasanth, C.M. Dacres, CORROSION/97, paper no. 179, NACE: Houston, TX.

Weaponry Conservation: Volatile Corrosion Inhibiting Packaging Field Results B. Rudman, P. Piacun, CORROSION/98, paper no. 602, NACE: Houston, TX.

Migrating Corrosion Inhibitors[™] (MCI[®])

Migrating Corrosion Inhibitors for Reinforced Concrete A. Eydelnant, B.A. Miksic, L. Gelner, ConChem Journal, 2, 1993.

Anticorrosion Systems in the Maintenance, Repair and Restoration of Structures in Reinforced Concrete D. Rosignoli, L. Gelner, B. Dubravka, Italy, 1995.

Compatibility of Repair Mortar with Migrating Corrosion Inhibiting Admixtures

D. Bjegovic, V. Ukrainczyk, B. Ukrainczyk, B.A. Miksic, CORROSION/97 paper no. 183, NACE: Houston, TX.

Corrosion Monitoring Using Embedded Minisensors on Rebars in Concrete Rehabilitated with a MCI* M. Nagayama, H. Tamura, K. Shimozawa, General Building Research Corp. of Japan, 1999.

Measuring the Effectiveness of Migrating Corrosion Inhibitors (MCIs) by Electrochemical Techniques C. Chandler, A. Furman, P. Vrkljan, Dusseldorf, Germany, 1997

Calculation of Diffusion Rate of Migrating Corrosion Inhibitors Through Concrete D. Bjegovic, D. Mikulic, D. Krstic, CONSEC, Norway, 1998.

Corrosion Protection of Existing Concrete Structures D. Bjegovic, V. Ukrainiczyk, B.A. Miksic, 1998.

Organic Corrosion Inhibitors: How Do They Inhibit and Can They Really Migrate Through Concrete? B. Cherry, M. Forsyth, A. Phanasgaonkar, Proceedings of Corrosion and Prevention—97, Australasian Corrosion Association, Inc., Brisbane, paper No. 54, November 1997.

Migrating Corrosion Inhibitor Protection of Concrete D. Bjegovic, B.A. Miksic, MP, 38, 11 (1999).

Test Protocols for Migrating Corrosion Inhibitors (MCI®) In Reinforced Concrete D. Bjegovic, B.A. Miksic, R. Stehly, Materials and Corrosion Magazine, December 1999.

Testing Methodology for Migrating Corrosion Inhibitors D. Bjegovic, B.A. Miksic, R. Stehly, EuroCorr, 2000.

Topically Applied Migrating Corrosion Inhibitors of Reinforced Concrete Protection D. Bjegovic, B.A. Miksic, EuroCorr, London, U.K., 2000.

Testing Migrating Corrosion Inhibitors for Reinforcement

Protection D. Bjegovic, B.A. Miksic, R. Stehly, 9th European Symposium on Corrosion Inhibitors, Italy, 2000.

Migratory Corrosion Inhibitors for Corrosion Control in

M. Forsyth, A. Phanasgaonkar, B. Cherry, 9th European Symposium on Corrosion Inhibitors, Italy, 2000.

Packaging

Tinplate Coil Packaging—Stretch Wrap Method R. Kramer, 1996

A Hybrid Technology: Static Dissipative VCI Films B. Rudman, C. Chandler, EOS/ESD Symposium, 1996.

A Recent Breakthrough in Shrink Film Technology B.A. Miksic, B. Rudman, NACE Regional Conference, Latin America, 1996.

VCI Technology for Flat Rolled Steel Production B.A. Miksic, R. Kramer, A. Sobkin, AISE: PA, 1998.

Environmentally Friendly VCI Systems E. Chang, B.A. Miksic, CORROSION/99, paper no. 93, NACE: Houston, TX.

Environmentally Friendly Multipurpose Grease Resistant VCI System

E. Chang, B.A.Miksic, CORROSION/2000, paper no. 336, NACE: Houston, TX.

Corrosion Control Packaging Film Prepared from a Biodegradable Compostable Resin C. Chandler, A. Ahlbrecht, B.A. Miksic, 4th Annual Green Chemistry and Engineering Conference, American Chemical Society: Washington, D.C., 2000.

Surface Chemistry

Surface Analytical Techniques in Evaluation of the Effects of VCI Organic Corrosion Inhibitors on the Surface Chemistry of Metals B.A. Miksic, M. Tarvin, G.R. Sparrow, CORROSION/89, paper no. 607, NACE: Houston, TX.

The Role of Surface Chemistry and VCIs in Early Stages of

Metal Processing G.R. Sparrow, C. Chandler, CORROSION/95 paper no. 489, NACE: Houston, TX.

Surface Analytical Techniques in Evaluation of the Effects Of VCI Organic Corrosion Inhibitors on the Surface Chemistry of Metals *M.E. Tarvin, B.A. Miksic, G.R. Sparrow, CORROSION/89 paper no. 607, NACE: Houston, TX.*

A Methyl Soya-Based Cleaner and Corrosion Inhibitor Solution C. Chandler, M. Kharshan, M. Lowe, 4th Annual Green Chemistry and Engineering Conference, American Chemical Society: Washington, D.C., 2000.

Water Treatment/Process/Chemicals

VCIs—A Novel Approach to Corrosion Control in the A. Eydelnant, C. Chandler, B.A. Miksic, National Corrosion Council of India, Bombay, 1992.

Temporary Protection, Lay-up, and Mothballing-Equipment, Systems and Plant B.A. Miksic, Electric Power Research Institute (EPRI), 1992.

VCIs—A Novel Approach to Corrosion Control in the Water Treatment Industry C. Chandler, A. Furman, M. Kharshan, WATERTECH, 1995.

Volatile Corrosion Inhibitors Used for Conservation of Refinery Equipment and Facilities J. Mose, F. Holcer, Z. Culig, S. Lafta, M. Ivanusic, Denver, CO,

March 1996

Protection of Storage Tank Bottoms Using Volatile Corrosion Inhibitors (VCI) L. Gelner, NACE Middle East Regional Conference, 1996.

Methodology of VCIs for Water Treatment A. Furman, M. Kharshan, CORROSION/97, paper no. 182, NACE: Houston, TX.

Efficiency of Contact and Volatile Corrosion Inhibitors for Gas and Oil Transmission Lines A. Furman, M. Kharshan, CORROSION/98, paper no. 236, NACE: Houston, TX.

Use of Vapor Corrosion Inhibitors on the Trans Alaska Pipeline E. Klechka, 1987.

Biodegradable Volatile Corrosion Inhibitors C. Chandler, 9th European Symposium on Corrosion Inhibitors, Italy, 2000.

VCIs and Corrosion Basics

Corrosion of Inhibiting Rubber Seals B.A. Miksic, W.G. Levans, Society of Automotive Engineers: Detroit, MI, 1977.

Some Aspects of Metal Protection by Vapor Phase Inhibitors

B.A. Miksic. Anti-Corrosion Materials & Methods. 1975.

Volatile Corrosion Inhibitors Find a New Home B.A. Miksic, Chemical Engineering, Materials Engineering Forum.

Fundamental Principals of Corrosion Protection with Vapor Phase Inhibitors

B.A. Miksic, R.H. Miller, 5th European Symposium on Corrosion Inhibitors, Italy, 1980.

Instrumentation for Measurement of the Effectiveness of Vapor Corrosion Inhibitors C.G. Moore, B.A. Miksic, CORROSION/95, paper no. 490, NACE: Houston, TX.

Migratory VCI Inhibitors for Wet Thermal Insulation B.A. Miksic, CORROSION/89, paper no. 344, NACE: Houston, TX.

Corrosion Inhibited in Steel Vessel Stored Outdoors A.B. Hughes, M.C. Larkin, Plant Services Magazine, August 1987.

Cleaning & Corrosion—A Paradox G. Sparrow, Cortec Tech Briefs, March 1994

A Procedure for Testing the Effect of Vapor Phase Corrosion Inhibitors on Combined Multi Metals C. Kraemer, CORROSION/97, paper no. 178, NACE: Houston, TX.

Mechanical Properties of VCI Papers: A Comparative Analysis E. Chang, 1997.

A Comparison of Several Corrosion Inhibiting Papers in Various Environments B. Rudman, CORROSION/98, paper no. 237, NACE: Houston, TX.

Test Methods for Vapor Corrosion Inhibitors A. Furman, C. Chandler, 9th European Symposium on Corrosion Inhibitors, Italy, 2000.

Storage Tank Bottom Protection Using Volatile Corrosion Inhibitors (VCIs) A. Gandhi, February 2000.

Volatile Corrosion Inhibitors—Unique Water Treatment Applications A. Gandhi, The Analyst, Fall 2000.